(c) Sir, there is no proposal during the X Five Year Plan for setting up new Central Agricultural University.

Commercial production of new seeds

†4684. SHRI KAPIL SIBAL:
SHRI RAJIV RANJAN SINGH 'LALAN':

Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government have made any permanent arrangement for commercial production of new seeds of foodgrains developed during the past few years;

(b) if so, the details of this arrangement together with the names of the seeds which have been made available for commercial production under this arrangement, during the last three years; and

(c) the average annual quantum of availability of such seeds?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV): (a) Yes, Sir.

(b) and (c) Indents for production of breeder seeds of newly developed varieties are given to Indian Council of Agricultural Research (ICAR) for production. The breeder seed so produce is allotted to various seed producing agencies for further multiplication and commercial production. The crop-wise quantity of breeder seed allotted for multiplication during the last three years is enclosed at Statement-I *(See* below). The crop and variety-wise quantity of certified and quality seeds made available for commercial production during last three years is enclosed at Statement-II.

† Original notice of the Question was received in Hindi.

Statement-I

Quantity of breeder seed allotted during the last three years of varieties developed/notified during the years 1992 to 2001

Qty. in Qtls.

Sl. No	Crop/Variety	Qty. of breeder seed allotted during		
		1999-2000	2000-2001	2001-2002
	2	3	4	5
1	PADDY			
	Pant dhan-10, Pant dhan.11, Intan, HBC-19, Pusa 44, PNR-381 , Narendra-97 Kaushal, PNR-162, MTU-1001, Lunishree Narender-359, CSR-13, Nidhi, Aswani, Malviya-36, Pant dhan-12, WGL-48684 C Kavya), Vikas, Pusa-677	95.35	131.53	166.20
2	WHEAT			
	UP-2338, WH-542 , PBW-343, K-8804, Raj-3765, PBW-373, DL-784-3, DL-803, HP-1731, HP-1761, HP-1744, HW-2004, HD-2643 , HI-8381,WH-896, GW-173, DWR-162, HP-1633, HD-2687 , Surbhi, HS-295, K-9107, HS-365, K-8962, NDW-1014, NDW-1012, K-9465, HW-283, Malav Shakti (HI-8498), GW-273, GW-190, HI-1454, HI-1418, Malva Ratna, HD-4672, DL-788-2, PBW-299, UP-2425 , Sonak, PBW-443	2272.60	4034.00	3923.35
3.	**BARLEY**			
	Manjula, RD-2035 , RD-2503, RD-2508	21.40	21.00	18.50
4.	MAIZE			
	Mahi Kanchan, Megha Composite, Panch Ganga, Shakti-1, Deoki	0.40	0.90	0.69
5.	**SORGHUM**			
	CSV-15, PVK-400	1.62	0.12	5.28
6.	**BAJRA**			
	ICMH-356, ICMV-221 Raj-17	1.51	1.46	2.30
7.	**RAGI**			
	MR-1, MR-2, GPU-28	0.20	2.60	1.55

1	2	3	4	5
8.	**MOONG**			
	PM-4, SML-I34, Narender Moong-I Asha, AKM-8803, LG G-407 , MUM-2, JM-721, BM-4. ML-613, WGG-2, TARM-1	5.58	24.04	12.34
9.	**URD (Black Gram)**			
	WBU-108, Narender Urd-1, TAU-2, TPU-4, T-UDID-94-2, Barkha	2.80	17.60	20.50
10.	**ARHAR**			
	Asha, Pusa-855 , BSMR-736, Amar, Malviya Vikalap, Paras	12.95	9.00	27.05
11.	**GRAM**			
	ICCV-10, Vijay, ICCV-2, Pragati, Vardan (GNG-663), Vishal, Smrat (GNG-469) , Pusa-329 , Pusa-362, Vday Pusa-391 Pusa-372 KWR-108 BGD-72, BG-1OO3, Alok, JG-322, JG-218	921.49	721.00	1065.20
12.	**LENTIL**			
	DPL-15 (Priya), Pusa Vaibhav, DPL-62, PL-4, L-4076 , Garima	7.35	44.90	24.50
13.	**FIELD PEA**			
	JP-885 , Alankar, Shiekha, Uttra, KPMR-144-1, Jyanti, KFD-24 (Swati)	68.74	181.00	67.00

Statement-II

The Details of Crop, variety-wise quantity of certified and quality seeds (varieties developed/notified during 1992 to 2001) made available for commercial production during the last three years

Qty. in Qtls.

Crop/Variety	1999-2000	2000-2001	2001-2002
Wheat			
1. AKW -1071	120	—	225
2. Aradhna	10,000	10000	5000
3. DL-784-3	13,580	—	4460
4. DI-7882	2,114	1800	—
5. DWR-162	5,230	5997	5650
6. WR-195	1,845	1740	2850
7 GW-173	21,173	25051	29528
8. GW-190	2,410	7128	5137
9. GW-273	371	12589	28250
10. HD-2643	2,355	3688	4830
11. HI-8381	17,863	22100	10976
12. HP-1731	11,450	14100	22085
13. HS-277	8,000	6150	5000
14. HS-295	8,250	7580	3785
15. K-8962	183	—	1316
16. K-9107	658	—	1755
17. MACS-2694	750	450	2500
18. MAW-34	400	2000	1300
19. PBW-299	1,660	2353	887
20. PBW-343	7,49,261	981123	690935
21. PBW-373	14,065	142491	162675
22. PBW-396	50	—	1500
23. PBW-233	1,368	—	—
24. Raj. 3765	1,16,608	144988	156232

Crop/Variety	1999-2000	2000-2001	2001-2002
25. Sonali	2105	4668	6250
26. Surbhi	8000	12000	5000
27. UP-2338	298257	338936	214982
28. VL-719	123	—	560
29. VL-738	528	1395	185
30. WH-533	861	258	14
31. WH-542	55930	149614	93746
32. WH-896	15498	30794	16597
33. Sonak	—	1775	693
34. UP-2382	—	5300	36795
35. HP-1761	—	—	95
36. NDW-1012	—	—	8200
37. NDW-1014	—	—	5185
38. PBN-51	—	—	125
39. UP-2425	—	—	6620
40. Ganga	—	1500	2000
TOTAL:	1371066	1937568	1543923
BARLEY			
1. ALFA-93	492	650	475
2. PL-426	936	1163	2297
3. RD-2503	812	5260	6792
4. RD-2508	1481	6240	4577
5. Geetanjali	—	—	85
6. Manjula	—	—	490
TOTAL:	3721	13313	14716
GRAM			
1. CO-3	180	180	—
2. GNG-469	1235	1110	2318
3. GNG-663	3461	2134	10588
4. ICCV-10	350	1165	1448
5. ICCV-2	1082	1325	5697

Crop/Variety	1999-2000	2000-2001	2001-2002
6. JG-218	—	915	1390
7. K-3256	—	—	—
8. Udai	1072	—	—
9. Vijay	10386	10670	14423
10. Vishal	1310	3050	2105
11. LBG-20	87	—	—
12. LBG-402	160	—	—
13. KPG-59	1089	5572	3960
14. HC-3	1272	—	—
15. P-372	300	—	13
16. Pragati	—	—	20
TOTAL:	21984	26121	41962
LENTIL			
1. LENS-4076	—	—	143
2. PL-4	256	845	825
3. WBL-58	230	—	530
4. DPL-15	—	—	540
TOTAL:	2486	845	2038
PEAS			
1. KFP-103	212	—	—
2. Azad	496	1500	15
3. JP-885	—	1883	495
4. Shikha	—	275	130
5. KPMR-144	—	—	360
TOTAL.	708	3655	1000

Crop/Variety	1999-2000	2000-2001	2001-2002
PADDY			
1. ADT-42	1995	300	490
2. ADT-43	5100	40225	18734
3. ADTRH-1	100	200	400
4. AJAY	3130	1000	—
5. ASD-18	5075	7704	12095
6. ASD-20	5095	8000	7150
7. Bahadur	5400	8214	5063
8. Basmati 386	—	20	—
9. Birsa-201	—	—	—
10. CO-46	—	2500	2500
11. Gautam	—	1000	3000
12. HKR-126	5034	9520	6421
13. HKR-46	—	440	910
14. IET-6666	—	200	300
15. Indrayani	6700	6200	6700
16. Intan	4300	2885	4155
17. Kanak	23213	14940	—
18. Kanchan	20354	1778	5183
19. Kaushal	7271	7500	4000
20. Khandagiri	2963	4650	5067
21. Lachit	3023	3000	3000
22. LUIT	70	1300	2550
23. Luneeshree	13003	10085	11584
24. Mahamaya	18515	12757	2270
25. mahi Sugandha	229	100	490
26. Malviya-36	3320	4500	—
27. Leimaphou	4100	—	1
28. Akutphou	700	—	700
29. MDU-5	—	1000	1956
30. MTU-1001	73601	177132	382177
31. Narendra-359	4960	49000	58700
32. Narendra-97	1370	13100	1400

Crop/Variety	1999-2000	2000-2001	2001-2002
33. Nidhi	—	70	—
34. NLR Var	3000	34500	60900
35. P-44	3555	44146	24541
36. PD-10	880	820	700
37. PNR-162	—	7000	1060
38. PNR-381	20848	13825	12320
39. Pooja	—	—	—
40. Poornima	1867	1464	—
41. PR-111	2530	20021	3237
42. PR-113	2058	612	7417
43. PR-114	—	44749	5375
44. Pusa-677	—	—	—
45. Pusa-834	—	815	400
46. Ranjit	10000	9936	10500
47. RP-2421	700	700	1000
48. RP-732	100	100	200
49. Shyamla	130	11	600
50. Sneha	—	1150	31
51. Taravadi Basmati	—	50	—
52. TKM-10	1000	2000	2000
53. TKM-11	500	1400	1400
54. TPS-3	—	400	400
55. Triguna	—	301	—
56. Tapasvini	—	1000	—
57. Pant-10	29195	—	—
58. Pant-II	904	—	—
59. Pant Sankar Dhan	100	—	—
60. Try-1	—	100	100
61. WGL-48684	34096	26904	30958
62. CORH-2	100	300	400
63. Pant Hyb-1	—	80	—
64. ASD-19	1500	2000	10000
65. CO-47	—	1000	1100

Crop/Variety	1999-2000	2000-2001	2001-2002
66. Krisha Hamsa	—	266	5750
67. Ashwani	—	—	1400
68. CSR-27	—	—	256
69. CSR-30	—	—	509
70. Gajapati	—	—	1230
71. Jalahari	—	—	30
72. Karjat-2	350	—	500
73. Karjat-3	200	—	500
74. Konark	—	—	4219
75. Mahanadi	—	—	2902
76. MTU-1010	—	—	22150
77. MTU-4870	—	—	2700
78. Pant-12	23320	—	23640
79. PR-11	—	—	300
80. PR-115	—	—	1901
81. PR-116	—	—	22877
82. Prachi	—	—	10
83. Surendra	—	—	4090
84. Hybrid-6201	20	—	54
85. Pant Hybrid-1	—	—	50
86. ADT-44	—	—	500
87. ADT-45	—	—	50
88. BHOI	—	—	826
89. Kharavela	—	—	430
Paddy Total:	**3,82,574**	**6,04,970**	**8,18,559**

Crop/Variety	1999-2000	2000-2001	2001-2002
MOTH			
1. MRO-40	632	749	1327
URD			
1. LBG Varieties	747	1580	4170
2. Narendra-I	258	180	790
3. TPU-4	—	4	1200
4. UG-218	—	50	50
5. VBN-2	82	282	1000
6. WBU-108	—	1500	2000
7. LBG-20	—	70	—
8. LBG-17	—	—	200
9. Mash-338	—	—	19
10. Mash-414	—	—	13
11. VBN-3	—	—	1400
Total:	**1087**	**3666**	**10842**
ARHAR			
1. AL-201	—	5	54
2. BSMR- 736	365	1600	2000
3. CO-6	200	200	200
4. GUJ-100	60	125	3
5. ICPL-87119	2550	5285	4933
6. JKM-7	180	350	1190
7. PUSA-9	20	—	—
8. VBN-I	1000	650	700
9. APK-1	—	94	—

Crop/Variety	1999-2000	2000-2001	2001-2002
10. VBN-2	—	186	100
11. Narendra-1	—	—	200
Total:	**4375**	**8495**	**9380**
RAGI			
1 GPU-28	6825	9485	13280
MOONG			
1. Asha	1790	952	671
2. BM-4	500	—	11
3. HUM-2	—	1000	—
4. JMT-721	500	16	215
5. ML-613	84	437	565
6. MUM-2	115	865	503
7. SML-134	—	106	—
8. TERM-1	—	159	—
9. K-1	360	360	—
10. AKM-8803	—	—	200
11. CO-6	—	—	1880
Total:	**3349**	**4895**	**3945**
MAIZE			
1. COH-2	80	80	80
2. COH-3	90	100	100
3. DMH-1	—	1960	10000
4. DMH-107	500	—	—
5. Gujarat-2	50	30	—
6. HIM-129	400	—	—
7. PEHM-1	—	16	—
8. PEHM-2	—	200	—

Crop/Variety	1999-2000	2000-2001	2001-2002
9. C-14	—	100	250
10. C-8	80	200	300
11. Deoki	—	—	—
12. JM-8	71	117	100
13. Mahi Dhawal	70	202	26
14. Mahi Kanchan	300	400	44
15. Megha	—	80	50
16. Paras	—	—	—
17. Prakash	10	1	—
18. Pusa Early	—	4	—
19. RD-1	—	—	270
20. DMH-109	—	—	117
21. PRO-311	—	—	—
22. PRO-312	—	—	—
23. Pusa-Hy-M-1	—	—	150
24. Pusa Hy-M-2	—	—	150
25. Shakti	—	—	—
26. SSM-510	—	—	—
27. BIO-9637	—	—	200
28. BIO-9681	800	—	800
29. Kesari	—	—	95
Total:	**2451**	**3490**	**12732**
JOWAR			
1. CSH-13	1500	—	—
2. CSH-15	1700	—	350
3. CSH-16	500	—	800
4. GJ-40	28	10	—
5. GJ-41	10	20	90
6. APK-1	150	150	295
7. BSR-1	—	100	125
8. COH-4	—	50	125
9. CSV-15	100	540	1480

Crop/Variety	1999-2000	2000-2001	2001-2002
10. PAIYUR-2	—	50	50
11. PKV-400	1450	2100	3300
12. PKV-801	—	60	100
13. CSH-15R	—	310	981
14. CO-27	150	100	200
15. JKSH-22	200	—	300
16. JJ-1041	—	—	155
17. Sudan Chari	25	—	25
18 SPV-1359	—	—	4996
Total:	**5113**	**3490**	**13372**
BAJRA			
1. GHB-235	4216	4032	1125
2. HHB-68	100	14	—
3. Sabhuri	400	805	5000
4. ICMV-221	3481	2020	2865
5. RAJ-171	120	25	200
6. X-7	200	200	150
7. GHB-316	—	114	—
8. Pusa-415	—	—	200
9. RHB-90	—	—	—
10. HC-10	—	—	62
11. HHB-94	—	—	700
12. JBV-2	—	—	—
13. JKBH-26	2000	—	8900
14 Pusa-334	—	—	100
Total:	**10517**	**7210**	**19302**